

Air Ionizer Verification Record

Ionizer Verification Sequence Number: 08-072

WORKING STANDARD USED						
Asset/ISO #:	Manufacturer:	Model:	Serial No.	Calibration Date:	Calibration Due:	Calibration By:
25171	ION	775	6779	8/8/07	8/8/08	JPL

AIR IONIZER INFORMATION						
Asset/ISO #:	Manufacturer:	Model:	Serial No.	Verification Date:	Verification Due:	Verification By:
28753	ION	6442	8619	6-12-08	10-21-08	JPL
Inspector:	Location:	Owner:	Fail: Y/N ?	Cleaned: Y/N ?	Adjusted: Y/N ?	Prior Sequence#
Minh D	103/109F	Bryan Kell	N	N	N	NA

VERIFICATION DATA						
HBM Sensitivity Level: <u>50 V</u> (from Table 1)						
Fan controller setting: <u>High</u> (High, Low, NA)						
Distance of ionizer from the charge plate: <u>18"</u>						
Ionizer Float Potential Tolerance \pm <u>50</u> Vdc. (from Table 1)						
Measured Float Potential values recorded below.						
1 10 Vdc.	2 10 Vdc.	3 10 Vdc.	4 10 Vdc.	5 10 Vdc.	Comments:	
Ionizer Discharge Voltage Range: \pm 1000 Vdc to $< \pm$ <u>50</u> Vdc (from Table 1)						
Ionizer Discharge Time Tolerance: <u>20</u> seconds. (from Table 1)						
Measured Discharge Time in second(s) and recorded values below.						
1 (+1000 to +Vdc) 4.2 sec	2 (+1000 to +Vdc) 4.6 sec	3 (+1000 to +Vdc) 4.7 sec	4 (+1000 to +Vdc) 4.7 sec	5 (+1000 to +Vdc) 4.7 sec	Comments:	
1 (-1000 to -Vdc) 4.2 sec	2 (-1000 to -Vdc) 4.7 sec	3 (-1000 to -Vdc) 4.7 sec	4 (-1000 to -Vdc) 4.8 sec	5 (-1000 to -Vdc) 4.7 sec	Comments:	

Record any corrective action required to restored ionizer operation (cleaning, adjustment, replacement, etc.)

If Ionizer was replaced, indicate below the identification of replacement.

Asset/ISO #: _____ Manufacturer: _____ Model: _____ Serial No.: _____

Sequence number for verification of replacement Ionizer: _____

Record inspection schedule and rational for that schedule.